

IN THE CLAIMS:

Please cancel Claims 1 through 12 without prejudice to or disclaimer of their subject matter and add Claims 13-20 as follows.

Claims 1 through 12 are cancelled herein.

--13. (New) A sheet conveying apparatus comprising:

a sheet conveyer for conveying a sheet from a sheet tray to a sheet path;

a first detector for detecting that a sheet is set on said sheet tray;

a second detector, provided in said sheet path, for detecting the presence/absence of a sheet fed by said sheet conveyer, said second detector including a light emitting element and a light receiving element; and

a controller for controlling said second detector not to emit light from the light emitting element of said second detector before said first detector detects that the sheet is set on said sheet tray, and controlling said second detector to emit light from the light emitting element of said second detector in response to a detection by said first detector which detects that the sheet is set on said sheet tray.

14. (New) An original conveying apparatus comprising:

an original conveyer for conveying an original from an original tray to an original path;

- a first detector for detecting that an original is set on said original tray;  
- a second detector, provided in said original path, for detecting the presence/absence of an original fed by said sheet conveyer, said second detector including a light emitting element and a light receiving element; and  
a controller for controlling said second detector not to emit light from the light emitting element of said second detector before said first detector detects that the original is set on said original tray, and controlling said second detector to emit light from the light emitting element of said second detector in response to a detection by said first detector which detects that the original is set on said original tray.

15. (New) A sheet conveying apparatus comprising:

a sheet conveyer for conveying a sheet from a sheet tray to a sheet path;  
a first detector for detecting that a sheet is set on said sheet tray;  
a plurality of second detectors, provided in said sheet path, for detecting the presence/absence of a sheet fed by said sheet conveyer, each of said plurality of second detectors including a light emitting element and a light receiving element; and  
a controller for controlling said plurality of second detectors not to emit light from the light emitting elements of said plurality of second detectors before said first detector detects that the sheet is set on said sheet tray, and controlling said plurality of second detectors to emit light from the light emitting elements of said second detector in response to a detection by said first detector which detects that the sheet is set on said sheet tray.

16. (New) An original conveying apparatus comprising:  
an original conveyor for conveying an original from an original tray to an original path;  
a first detector for detecting that an original is set on said original tray;  
a plurality of second detectors, provided in said original path, for detecting the presence/absence of an original fed by said sheet conveyor, each of said plurality of second detectors including a light emitting element and a light receiving element; and  
a controller for controlling said plurality of second detectors not to emit light from the light emitting elements of said plurality of second detectors before said first detector detects that the original is set on said original tray, and controlling said plurality of second detectors to emit light from the light emitting elements of said plurality of second detectors in response to a detection by said first detector which detects that the original is set on said original tray.

17. (New) A sheet conveying apparatus comprising:  
a sheet conveyor for conveying a sheet from a sheet tray to a sheet path;  
a first detector for detecting that a sheet is set on said sheet tray;  
a second detector, provided in said sheet path, for detecting the presence/absence of a sheet fed by said sheet conveyor, said second detector including an LED;  
a controller for controlling said second detector to deactivate the LED of said second detector before said first detector detects that the sheet is set on said sheet tray, and

controlling said second detector to activate the LED of said second detector in response to a detection by said first detector which detects that the sheet is set on said sheet tray.

18. (New) An original conveying apparatus comprising:

an original conveyor for conveying an original from an original tray to original path;

a first detector for detecting that an original is set on said original tray;

a second detector, provided in said original path, for detecting the presence/absence of an original fed by said sheet conveyor, said second detector including an LED; and

a controller for controlling said second detector to deactivate the LED of said second detector before said first detector detects that the original is set on said original tray, and controlling said second detector to activate the LED of said second detector in response to a detection by said first detector which detects that the original is set on said original tray.

19. (New) A sheet conveying apparatus comprising:

a sheet conveyor for conveying a sheet from a sheet tray to a sheet path;

a first detector for detecting that a sheet is set on said sheet tray;

a plurality of second detectors, provided in said sheet path, for detecting the presence/absence of a sheet fed by said sheet conveyor, each of said plurality of second detectors including an LED;

a controller for controlling said plurality of second detectors to deactivate the LEDs of said plurality of second detectors before said first detector detects that the sheet is set on said sheet tray, and controlling said plurality of second detectors to activate the LEDs of said plurality of second detectors in response to a detection by said first detector which detects that the sheet is set on said sheet tray.

20. (New) An original conveying apparatus comprising:

an original conveyer for conveying an original from an original tray to an original path;

a first detector for detecting that an original is set on said original tray;

a plurality of second detectors, provided in said original path, for detecting the presence/absence of an original fed by said sheet conveyer, each of said plurality of second detectors including an LED; and

a controller for controlling said plurality of second detectors to deactivate the LEDs of said plurality of second detectors before said first detector detects that the original is set on said original tray, and controlling said plurality of second detectors to activate the LEDs of said plurality of second detectors in response to a detection by said first detector which detects that the original is set on said original tray.--